

PATENT

Atty Docket No.: 70003175-1

App. Ser. No.: 09/927,150

IN THE CLAIMS:

Please find a listing of the claims below. The statuses of the claims are shown in parentheses.

1. (Currently amended) A method for executing an agent code in a computer device, wherein the agent code is saved in a read only memory, wherein an agent record containing data is saved in an erasable and programmable memory device, and wherein the method comprises:

initializing a plurality of registers,

reading the agent code from the read only memory and loading it into a processing device, wherein the computer device includes the read only memory, the erasable and programmable memory device, and the processing device,

in the computer device, executing the agent code wherein the agent code includes an agent record identification code, which includes a register identification code, thereby initiating reading the agent record with a matching agent record identification code from the erasable programmable memory device and loading it into the register of the processing device that is identified by the register identification code of the read agent record, and executing the agent record in the processing device.

2. (Original) The method according to claim 1, wherein executing the agent record containing instructions and data is performed by adding the data of the agent record to a specified register of the processing device according to the instructions of the agent record.

PATENT

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3. (Currently amended) The method according to claim 1, wherein the processing device is realized by a central processing unit part of ~~[[a]]the~~ computer device, wherein the agent code is realized by an operating system for the computer device, wherein the agent record contains instructions and data, and wherein executing both, the agent code and the agent record, is realized by a boot-up process of the computer device.

4. (Original) The method according to claim 3, wherein the data of the agent record correct at least one sequence in a specified register of the computer device according to the instructions of the agent record.

5. (Original) The method according to claim 3, wherein the data of the agent record add at least one sequence to a specified register of the computer device according to the instructions of the agent record.

6. (Currently amended) A boot-up process for booting up a processing device of a computer device, said computer device including a read only memory and an erasable and programmable memory device, wherein an agent code is saved in ~~[[a]]the~~ read only memory, wherein the agent code contains a first agent record identification code, wherein a plurality of agent records each containing a second agent record identification code, a register identification code and data is saved in ~~[[an]]the~~ erasable and programmable memory device, and wherein the boot-up process comprises the following steps:

initializing a plurality of registers in the processing device,

PATENT

Atty Docket No.: 70003175-1

App. Ser. No.: 09/927,150

in the computer device, reading and executing the agent code, thereby reading the plurality of agent records and checking as to whether a match between a second agent record identification code and the first agent record identification code exists, and

for the case that a match is found to exist, assigning the data of the matching agent record to a specified register according to the register identification code of the matching agent record.

7. (Currently amended) An electronic device for executing agent code comprising a read only memory, an erasable and programmable memory device, and a processing device, wherein the agent code is saved in the read only memory and an agent record containing data is saved in the erasable and programmable memory device, the processing device being ~~designed such that it can~~ configured to perform the following steps:

reading the agent code from the read only memory and loading it into ~~[[a]]the~~ processing device,

executing the agent code, thereby initiating reading the agent record from the erasable and programmable memory device and loading it into the processing device, and

executing the agent record in the processing device.

8. (Currently amended) The electronic device according to claim 7, wherein the electronic device comprises a computer device, wherein the processing device is realized by a central processing unit part of ~~[[a]]the~~ computer device, wherein the agent code is realized by an operating system for the computer device, and wherein executing both, the agent code and the agent record, is realized by a boot-up process of the computer device.